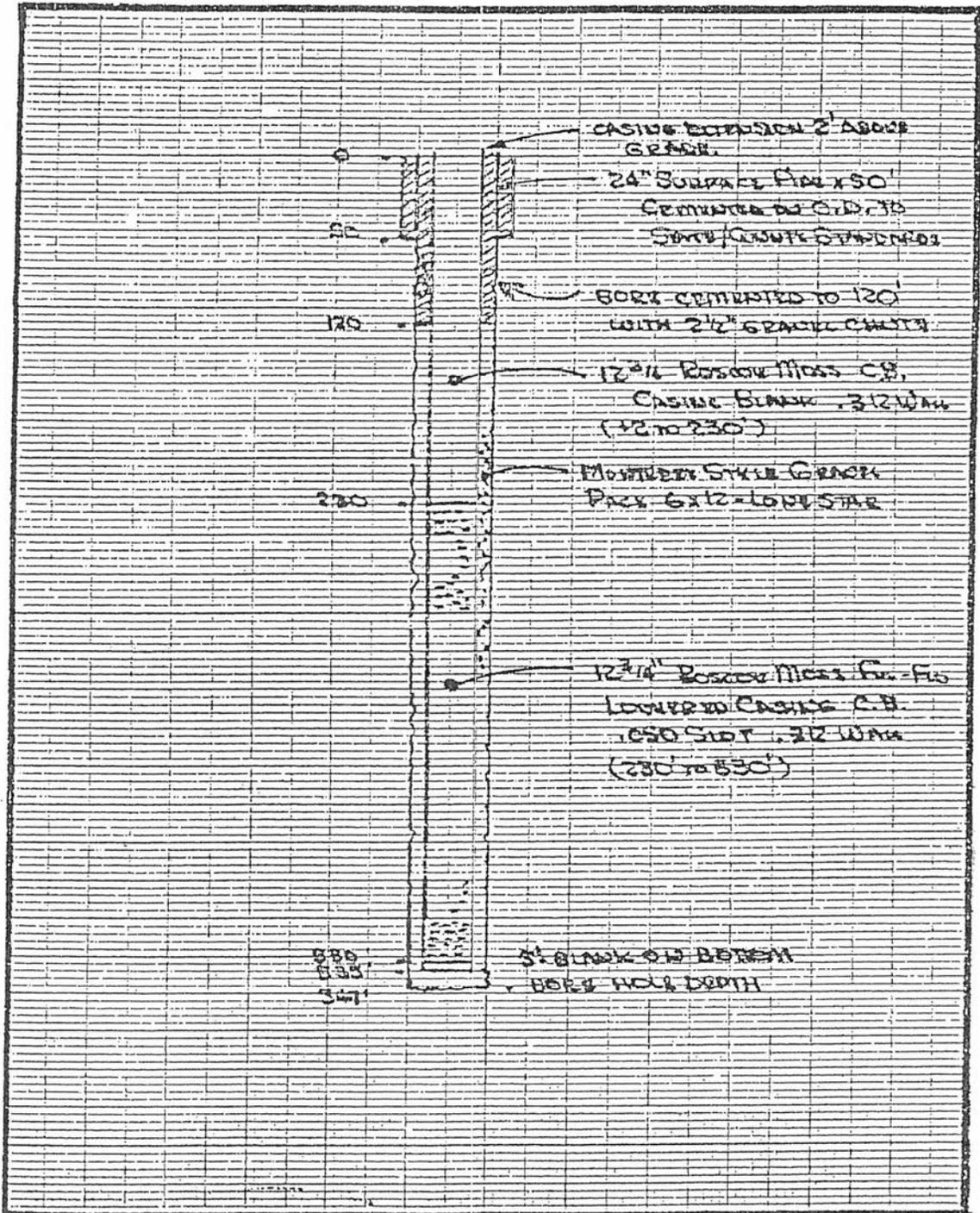


Well 4



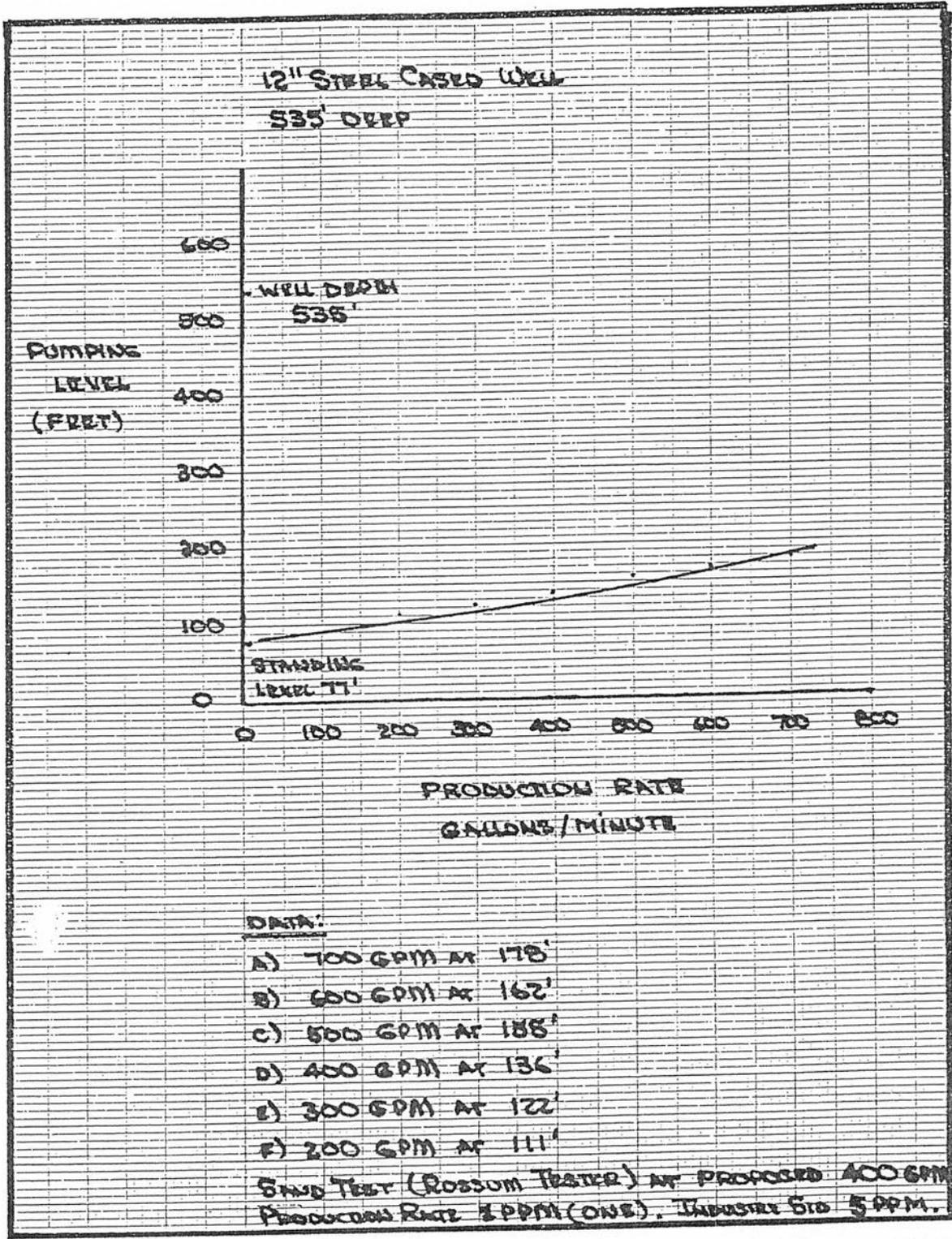
FLOYD V WELLS INC - Drilling / Pumping Contractors

JOE CARRERI  
LOS ANGELES CSD

CONSTRUCTION DETAILS  
12" 1/4" WELL

4.22.88

2/



FLOYD V WELLS INC - Drilling / Pumping Contractors

Vibeco - JOE CARRARI  
 LOS ALAMOS

PRODUCTION STEPS  
 12" STEEL CASED WELL

MAY 20, 1988

R

602.3



602.4

RANCH ROA

RANCH

PRICE

173 To leech field  
to be abandoned

1/2" sewer line

6" sewer line

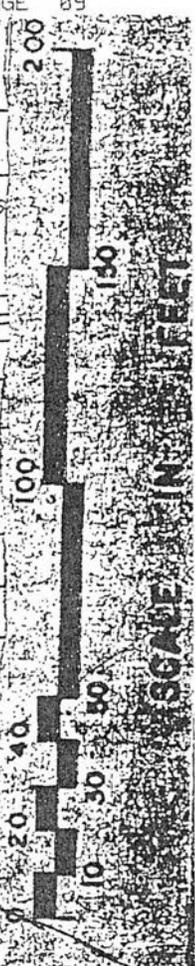
14" sewer line

sewer manhole

Well #4

Well #4

603.2 Vineyards S-E  
> No sewer lines  
septic tanks  
No farm animals



SCALE IN FEET

ROAD

FRONTAGE

EAST

50' MHPD RICE RANCH RD  
13104 EAST FRONTAGE RD

SEE SHEET #

101

604.6

605.10

603.8

603.8

603.8

603.8

603.7

PUMPING RECORD WELL #4 (30 Nov 1989 through 16 Dec 1989)

Date	Time	Gpm	Psi	Pwl
11/30	12:10	500	80	174'
12/1	9:50	500	77	183'
12/2	9:45	490	76	186'
12/3	3:30	480	79	186'
12/4	9:30	480	80	186'
12/5	10:00	480	78	188'
12/6	9:45	480	77	189'
12/7	11:15	480	77	188'6"
12/8	11:00	490	76	189'
12/9	9:00	490	78	189'
12/10	2:00	490	78	190'
12/11	8:00	480	79	189'
12/12	10:00	480	78	189'6"
12/13	11:00	485	79	189'
12/14	11:15	485	79	189'6"
12/15	1:00	485	80	189'6"
12/16	2:00	485	80	190'

Water meter reading: Finish 36,183,000  
Start 24,999,000  
 Total gallons pump : 11,184,000

Acre feet pump : 34.23

Electric meter reading: Finish 38745 KWH  
Start 19814 KWH  
 Total KWH 18931 KWH

Total hours pumping: 384 hours

Total KWH per acre foot: 553.05 KWH

Standing water level at start: 88'

No sand or air visible during any well checks.

PG&E Agricultural Services  
\*\*\*\* PUMP TEST REPORT \*\*\*\*

Tested By: CLINT JOHNSTON  
Test Date: 06/12/96  
Customer Plant ID: WELL #4

Location: CORNER PRICE RCH RD & ACCESS RD

Drive: Electric Motor  
H.P.: 60  
Drive Make: General Electric  
Pump Make: Kimball-Krough  
PG&E Plant ID:

CUSTOMER MAILING ADDRESS

LOS ALAMOS COMMUNITY SERVICES DIST  
P O BOX 675  
LOS ALAMOS, CA 93440

ACCOUNT INFORMATION

Account No: FBX-45-69861  
Control No: 5401216 Pump Suffix: A  
Meter No: R29685  
Pump Usage: 5,533 KWH / YR  
Account Usage: 5,533 KWH / YR  
Energy Cost: 66.40 Cents / KWH

----- TEST RESULTS -----

Run Number:	1
Standing Water Level (ft)	117.6
Drawdown (ft)	69.4
Pumping Water Level (ft)	187.0
Discharge Level (ft)	161.7
Discharge Pressure at Gauge (psi)	70.0
Total Lift (ft)	348.7
PG&E Water Flow (gpm)	
Customer Water Flow (gpm)	545
Well Yield (gpm/ft)	7.9
KW Input	53.8
Horsepower Input	72.1
Percent of Rated Motor Load	108.0
Acre Feet per 24 Hrs	2.4
KWH per Acre Feet	536.1
Overall Plant Efficiency (%)	66.5

----- TEST REMARKS -----

The Overall Plant Efficiency is Excellent, assuming run number 1 represents the plant's normal operating conditions.

----- POTENTIAL SAVINGS -----

Not Applicable

File Original with DWR

State of California

# Well Completion Report

Refer to Instruction Pamphlet

No. e046752

Page 1 of 2  
 Owner's Well Number well No 5  
 Date Work Began 10-4-06 Date Work Ended 11-18-06  
 Local Permit Agency LOS ALAMOS Comm. SERV. DIST  
 Permit Number N.A. Permit Date N.A.

DWR Use Only - Do Not Fill In

State Well Number/Site Number	
Latitude	Longitude
APN/TRS/Other	

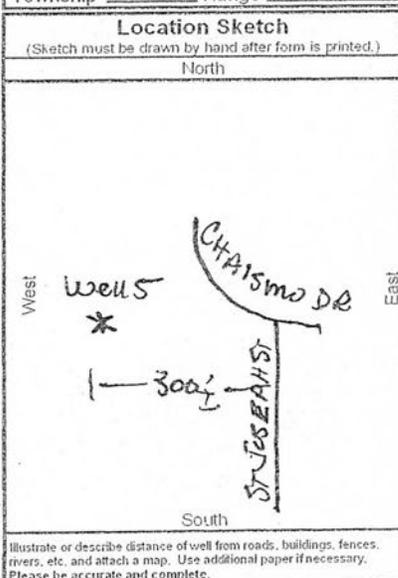
Geologic Log		
Orientation <input checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Angle Specify _____		
Drilling Method _____ Drilling Fluid _____		
Depth from Surface	Description	
Feet to Feet	Describe material, grain size, color, etc	
0	90	BROWN SAND
90	110	GRAVEL AND SAND
110	230	CLAY w/ SAND AND GRAVEL
230	360	BROWN SAND CLAY
360	500	HARD BROWN CLAY
500	700	BROWN GRAVELLY CLAY AND SAND
700	800	BROWN CLAY w/ SAND
800	900	SANDY CLAY
900	970	BROWN GRAVELLY SANDS
970	1010	HARD GRAY CLAY
Total Depth of Boring <u>1010</u> Feet		
Total Depth of Completed Well <u>962</u> Feet		

**Well Owner**

Name LOS ALAMOS COMM. SERV. DISTRICT  
 Mailing Address 82 NORTH ST. JOSEPH ST  
 City LOS ALAMOS State CA Zip 93440

**Well Location**

Address 33 ST JOSEPH ST  
 City LOS ALAMOS County SANTA BARBARA  
 Latitude \_\_\_\_\_ N Longitude \_\_\_\_\_ W  
 Datum \_\_\_\_\_ Decimal Lat. \_\_\_\_\_ Decimal Long. \_\_\_\_\_  
 APN Book 101 Page 110 Parcel 035  
 Township \_\_\_\_\_ Range \_\_\_\_\_ Section \_\_\_\_\_



**Activity**

New Well  
 Modification/Repair  
 Deepen  
 Other \_\_\_\_\_  
 Destroy  
Describe procedures and materials under "GEOLOGIC LOG"

**Planned Uses**

Water Supply  
 Domestic  Public  
 Irrigation  Industrial

Cathodic Protection  
 Dewatering  
 Heat Exchange  
 Injection  
 Monitoring  
 Remediation  
 Sparging  
 Test Well  
 Vapor Extraction  
 Other \_\_\_\_\_

**Water Level and Yield of Completed Well**

Depth to first water 40 (Feet below surface)  
 Depth to Static \_\_\_\_\_  
 Water Level 89 (Feet) Date Measured 11-7-06  
 Estimated Yield 800 (GPM) Test Type CONSTANT  
 Test Length 72 (Hours) Total Drawdown 115 (Feet)  
 \*May not be representative of a well's long term yield.

Casings							
Depth from Surface	Borehole Diameter	Type	Material	Wall Thickness	Outside Diameter	Screen Type	Slot Size
Feet to Feet	(Inches)			(Inches)	(Inches)		if Any (Inches)
0	60	36	CROWD	STEEL	5/16	28	
62	210	24	BLANK	STEEL	1/4	12 3/4	
210	212	"	MECHANICAL CONNECTOR			12 3/4	
212	217	"	BLANK	T 304 SS	1/4	12 3/4	
217	352	"	SCREEN	T 304 SS		12 3/4	1/2 W
352	502	"	BLANK	T 304 SS	1/4	12 3/4	

Annular Material			
Depth from Surface	Fill	Description	
Feet to Feet			
0	60	CEMENT	10.5 SK
60	120	CEMENT	10.5 SK
120	1010	GRAVEL	RMC #3

**Attachments**

Geologic Log  
 Well Construction Diagram  
 Geophysical Log(s)  
 Soil/Water Chemical Analyses  
 Other \_\_\_\_\_

Attach additional information, if it exists.

**Certification Statement**

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief

Name BEST DRINKING AND PUMP, INC.  
Person, Firm or Corporation  
2950 OLGA LANE HIGHLAND CA 92346  
Address City State Zip  
 Signed [Signature] 12-7-06 826672  
C-57 Licensed Water Well Contractor Date Signed C-57 License Number



**Well Log**  
**St. Joseph Street Well (Well #5)**  
**Los Alamos Community Services District**

Well ID: St. Joseph Street Well (Well #5)  
 Date: October 5 to October 14, 2006  
 Location: Saint Joseph Street, north of San Antonio Creek  
 Elevation: 560.20 ft above sea level (from survey)  
 Geologists: D. Williams, and D. Burke, Cleath & Associates.  
 Drilling Company: Best Drilling and Pump, Inc.  
 Drilling Method: reverse rotary  
 Total depth: 1,010 feet

**Lithologic Log**

Depth to top and bottom in feet

<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Description</u>
0	7	7	<b>Sandy Silt</b> ; trace gravel; dark yellowish brown (10YR 4/4); fine to medium grained sand, gravel to 3", subrounded shale gravel; damp.
7	8	1	<b>Sandy Clay</b> ; yellowish brown (10YR 5/4); soft, fine to medium grained sand; moist.
8	16	8	<b>Clayey Sand</b> ; trace gravel; yellowish brown (10YR 5/4); fine grained sand; siliceous shale gravel to 3"; moist.
16	18	2	<b>Sandy Clay</b> ; trace gravel; yellowish brown (10YR 5/4) to grayish brown (10YR 5/2); soft, fine grained sand; moist.
18	28	10	<b>Clayey Sand</b> ; trace gravel; yellowish brown (10YR 5/4); fine grained sand; gravel to 3". Becomes wet at 25' depth.
28	41	13	<b>Clayey Sand with Gravel</b> ; light yellowish brown (10YR 6/4); fine grained sand; gravel to 1/2", subrounded; saturated. Hole sloughing.
41	45	4	<b>Clayey Sand</b> ; light yellowish brown (10YR 6/4); fine grained sand. Base of alluvium.
45	47	2	<b>Gravelly Sand with Clay</b> ; with cobbles; grayish brown (10YR 5/2); fine to medium grained sand; clasts to 6", porcelaneous shale gravel, subrounded to rounded; interbedded with clay.
47	50	3	<b>Sandy Clay</b> ; grayish brown (10YR 5/2); stiff.
50	55	5	<b>Clayey Sand</b> ; trace gravel; grayish brown (10YR 5/2); fine grained sand.

Los Alamos CSD St. Joseph Street Well (Well #5); (Continued)

<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Description</u>
55	70	15	<b>Clay</b> ; trace sand; grayish brown (10YR 5/2); stiff, fine grained sand.
70	105	35	<b>Gravelly Sand</b> ; pale brown (10YR 6/3); medium to coarse grained quartzose sand, subangular to subrounded; subrounded to rounded porcelaneous shale and chert gravel to 2".
105	115	10	<b>Clay with Sand</b> ; brown (10YR 5/3); soft, fine to medium grained sand.
115	134	19	<b>Sand with Gravel</b> ; pale brown (10YR 6/3); fine to coarse grained, lesser coarse; gravel to 1/2".
134	140	6	<b>Sandy Clay</b> ; trace gravel; brown (10YR 5/3); soft clay; fine to coarse grained sand.
140	155	15	<b>Clayey Sand</b> ; trace gravel; brown (10YR 5/3); fine to coarse grained sand; gravel to 1/2".
155	175	20	<b>Sandy Clay</b> ; trace gravel; brown (10YR 5/3); soft clay; fine to coarse grained sand; gravel to 1/2".
175	185	10	<b>Sand with Clay and Gravel</b> ; yellowish brown (10YR 5/4); fine to coarse grained sand; gravel to 3/4".
185	200	15	<b>Gravelly Sand with Clay</b> ; yellowish brown (10YR 5/4); fine to coarse grained sand; subrounded porcelaneous shale gravel.
200	205	5	<b>Clay</b> ; brown (10YR 5/3); soft, sticky.
205	225	20	<b>Sand and Gravel with Clay</b> ; yellowish brown (10YR 5/4); fine to coarse grained sand; shale gravel to 1".
225	245	20	<b>Clay with Sand</b> ; trace gravel; brown (10YR 5/3); fine to medium grained sand; gravel to 1/2".
245	265	20	<b>Sandy Clay</b> ; yellowish brown (10YR 5/4); soft; fine to medium grained sand.
265	275	10	<b>Clayey Sand</b> ; trace gravel; yellowish brown (10YR 5/4); fine to coarse grained, lesser coarse; gravel to 1/2".
275	278	3	<b>Clayey Sand with Gravel</b> ; yellowish brown (10YR 5/4); fine to coarse grained sand; gravel to 3/4".
278	285	7	<b>Gravelly Sand</b> ; yellowish brown (10YR 5/4); fine to coarse grained sand; gravel to 2", mostly siliceous shale and chert gravel.
285	298	13	<b>Clayey Sand with Gravel</b> ; brown (10YR 5/3); fine to coarse grained, lesser coarse; gravel to 1".
298	315	17	<b>Clay</b> ; brown (10YR 5/3); soft, sticky.

Los Alamos CSD St. Joseph Street Well (Well #5); (Continued)

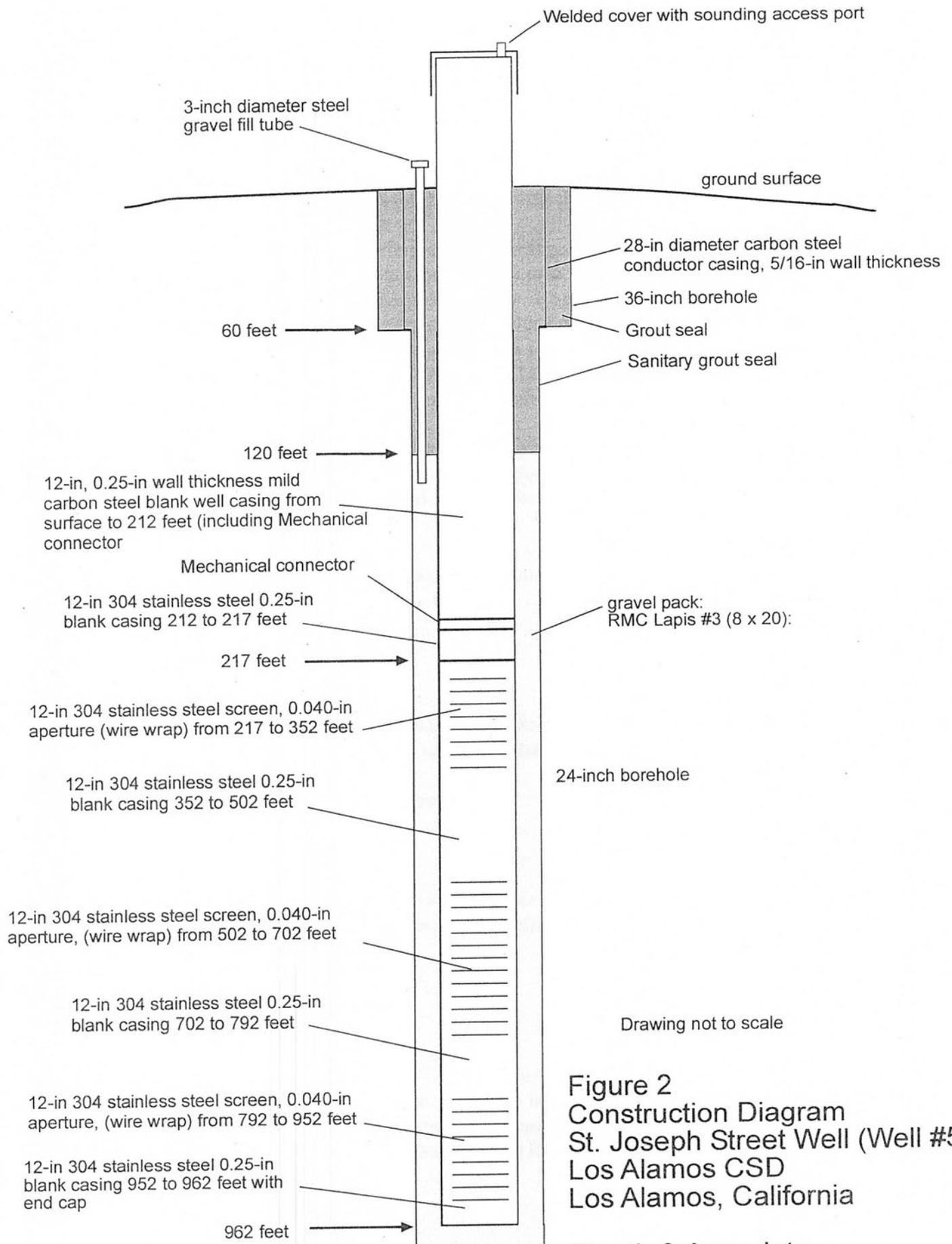
<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Description</u>
315	327	12	<b>Sandy Clay</b> ; brown (10YR 5/3); soft clay; fine to medium grained sand.
327	330	3	<b>Clayey Sand with Gravel</b> ; yellowish brown (10YR 5/4); fine to coarse grained; gravel to ¾".
330	340	10	<b>Clay with Sand</b> ; brown (10YR 5/3); soft; fine grained sand.
340	352	12	<b>Sand with Clay</b> ; brown (10YR 5/3); fine to medium grained sand; olive yellow (5Y 6/6) clay from 251 to 352.
352	365	13	<b>Clayey Sand</b> ; brown; (10YR 5/3); fine grained sand; soft clay.
365	385	20	<b>Sandy Clay</b> ; trace gravel; yellowish brown (10YR 5/4); soft clay; fine to coarse grained sand; gravel to ½".
385	388	3	<b>Clayey Sand with Gravel</b> ; yellowish brown (10YR 5/4); fine to medium grained; gravel to ½".
388	391	3	<b>Clay with Sand</b> ; yellowish brown (10YR 5/4); soft; fine to medium sand, lesser medium.
391	430	39	<b>Clay with Sand</b> ; brown (10YR 5/3); soft; fine to medium grained, mostly fine.
430	450	20	<b>Clayey Sand</b> ; trace gravel; brown (10YR 5/3); fine to coarse grained; porcelaneous shale gravel to ½".
450	480	30	<b>Clay</b> ; trace sand; grayish brown (10YR 5/2); soft; fine to medium grained sand.
480	490	10	<b>Clay</b> ; grayish brown (10YR 5/2); soft, plastic.
490	510	20	<b>Clay with Sand</b> ; grayish brown (10YR 5/2); soft; fine to medium grained sand.
510	578	68	<b>Clay</b> ; trace sand; grayish brown (10YR 5/2), soft, mottled yellowish brown (10YR 5/4); fine grained sand.
578	590	12	<b>Sandy Clay</b> ; brown; (10YR 5/3); soft; fine to medium grained sand.
590	595	5	<b>Clayey Sand with Gravel</b> ; yellowish brown (10YR 5/4); fine to coarse grained sand; gravel to ½", subrounded porcelaneous shale gravel.
595	610	15	<b>Clayey, Gravelly Sand</b> ; yellowish brown (10YR 5/4); fine to coarse grained sand; porcelaneous shale gravel to ¾".
610	620	10	<b>Clay with sand</b> ; grayish brown (10YR 5/2); soft to medium consistency; fine grained sand.
620	625	5	<b>Sandy Clay</b> ; trace gravel; yellowish brown (10YR 5/4); soft; fine to medium grained sand; gravel to ½".
625	630	5	<b>Clay with Sand</b> ; grayish brown (10YR 5/2); soft to medium consistency; fine grained sand.

Los Alamos CSD St. Joseph Street Well (Well #5); (Continued)

<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Description</u>
630	638	8	<b>Clay with Sand</b> ; trace gravel; yellowish brown (10YR 5/4); soft to medium consistency; fine to coarse grained sand; gravel to 1/2".
638	660	22	<b>Gravelly Sand with Clay</b> ; yellowish brown (10YR 5/4); fine to coarse grained; siliceous and cherty gravel to 3/4".
660	664	4	<b>Gravelly Sand</b> ; thinly interbedded with clay; yellowish brown (10YR 5/4); fine to coarse grained sand; gravel to 3/4".
664	675	11	<b>Clay</b> ; grayish brown (10YR 5/2); soft, sticky.
675	690	15	<b>Clay</b> ; dark greenish gray (5GY 4/1); stiff.
690	698	8	<b>Clayey Sand</b> ; trace gravel; dark greenish gray (5GY 4/1); fine to medium grained; shale and mudstone gravel to 1/2".
698	722	24	<b>Clay with Sand</b> ; trace gravel; dark greenish gray (10Y 4/1); stiff clay; fine grained sand; gravel to 1/2".
722	725	3	<b>Clay</b> ; trace sand; dark greenish gray (10Y 4/1); stiff clay; fine grained sand.
725	740	15	<b>Sandy Clay</b> ; trace gravel; greenish gray (10Y 5/1); stiff clay; fine to medium grained sand; gravel to 1/2".
740	750	10	<b>Clay with Sand</b> ; greenish gray (10Y 5/1); soft clay; fine to medium grained sand.
750	765	15	<b>Sandy Clay</b> ; trace gravel; greenish gray (10Y 5/1); soft clay; fine to medium grained sand; gravel to 3/4".
765	772	7	<b>Clay with Sand</b> ; greenish gray (10Y 5/1); soft clay; fine to medium grained sand.
772	790	18	<b>Clay</b> ; trace sand; dark greenish gray (10Y 4/1); stiff; fine to medium grained sand.
790	805	15	<b>Clay</b> ; trace sand; olive (5Y 5/3); soft; fine grained sand.
805	810	5	<b>Clay with Sand</b> ; olive (5Y 5/3); soft; fine to medium grained sand.
810	824	14	<b>Sandy Clay</b> ; olive (5Y 5/3); soft; mostly fine grained sand, lesser medium to coarse.
824	835	11	<b>Clay</b> ; trace sand; yellowish brown (10YR 5/4); stiff; fine grained sand.
835	852	17	<b>Clayey Sand</b> ; yellowish brown (10YR 5/4); sand mostly fine grained, lesser medium to coarse.
852	880	28	<b>Clay with Sand</b> ; yellowish brown (10YR 5/4); soft clay; fine grained sand.
880	898	18	<b>Sandy Clay</b> ; yellowish brown (10YR 5/4); soft; fine grained sand.

Los Alamos CSD St. Joseph Street Well (Well #5); (Continued)

<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Description</u>
898	910	12	<b>Clayey Sand with Gravel;</b> yellowish brown (10YR 5/4); fine to coarse grained sand; porcelaneous shale gravel to 1/2".
910	925	15	<b>Gravelly Sand;</b> yellowish brown (10YR 5/4); fine to coarse grained sand; subrounded porcelaneous shale gravel to 3/4".
925	930	5	<b>Clayey Sand with Gravel;</b> light brownish gray (10YR 6/2); fine to coarse grained; gravel to 1/2".
930	950	20	<b>Sand and Gravel with Clay;</b> grayish brown (10YR 5/2); fine to coarse grained sand; porcelaneous shale gravel to 1".
950	960	10	<b>Sand with Gravel;</b> trace clay; light brownish gray (10YR 6/2); fine to coarse grained sand; gravel to 1/2".
960	970	10	<b>Sand and Gravel;</b> grayish brown (10YR 5/2); medium to coarse grained; porcelaneous shale gravel to 3/4".
970	980	10	<b>Sandy, Gravelly Clay;</b> gray (10YR 6/1); fine to coarse grained sand; gravel to 1".
980	990	10	<b>Clay with Sand and Gravel;</b> gray (10YR 6/1); fine grained sand; gravel to 1".
990	1000	10	<b>Clay;</b> gray (10YR 6/1).
1000	1010	10	<b>Clay with Sand;</b> trace gravel; gray (10YR 6/1); fine grained sand; gravel to 1/2".



**Figure 2**  
**Construction Diagram**  
**St. Joseph Street Well (Well #5)**  
**Los Alamos CSD**  
**Los Alamos, California**

Cleath & Associates

10N 34W 36

CC 319

ORIGINAL File with DWR

10N 34W 36F

STATE OF CALIFORNIA WELL COMPLETION REPORT

Refer to Instruction Pamphlet

Page 4 of 4

Owner's Well No. 4

No. 0962150

Date Work Began 9-25-13, Ended 11-30-13

Local Permit Agency Santa Barbara Co

Permit No. SB0108981 Permit Date 8-7-13

DWR USE ONLY - DO NOT FILL IN. STATE WELL NO./STATION NO. LATITUDE LONGITUDE APN/TRS/OTHER

CEOLOGIC LOG

Table with columns: ORIENTATION, DRILLING METHOD, FLUID, DEPTH FROM SURFACE, DESCRIPTION. Includes geologic log entries from 0 to 1000 feet depth.

WELL LOCATION. Address: 1420 Prell Rd, Santa Maria, Calif 93454. County: Santa Barbara. APN Book, Page, Parcel: 129-010-01. Township, Range, Section, Lat, Long coordinates.



ACTIVITY. NEW WELL, MODIFICATION/REPAIR (Deepen, Other), DESTROY, USES (Domestic, Public, Irrigation, Industrial), MONITORING, TEST WELL, CATHODIC PROTECTION, HEAT EXCHANGE, DIRECT PUSH, INJECTION, VAPOR EXTRACTION, SPARGING, REMEDIATION, OTHER.

Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if necessary PLEASE BE ACCURATE & COMPLETE.

WATER LEVEL & YIELD OF COMPLETED WELL

DEPTH TO FIRST WATER (FL) BELOW SURFACE. DEPTH OF STATIC WATER LEVEL 326 (FL) & DATE MEASURED 10-31-13. ESTIMATED YIELD 1500 (GPM) & TEST TYPE Pump. TEST LENGTH 1.2 (Hrs.) TOTAL DRAWDOWN 32 (FL).

TOTAL DEPTH OF BORING 1000 (Feet). TOTAL DEPTH OF COMPLETED WELL 950 (Feet)

Table with columns: DEPTH FROM SURFACE, BORE-HOLE DIA., CASING (S) TYPE, MATERIAL / GRADE, INTERNAL DIAMETER, GAUGE OR WALL THICKNESS, SLOT SIZE, ANNULAR MATERIAL TYPE, CE-MENT, BEN-TONITE, FILL, FILTER PACK.

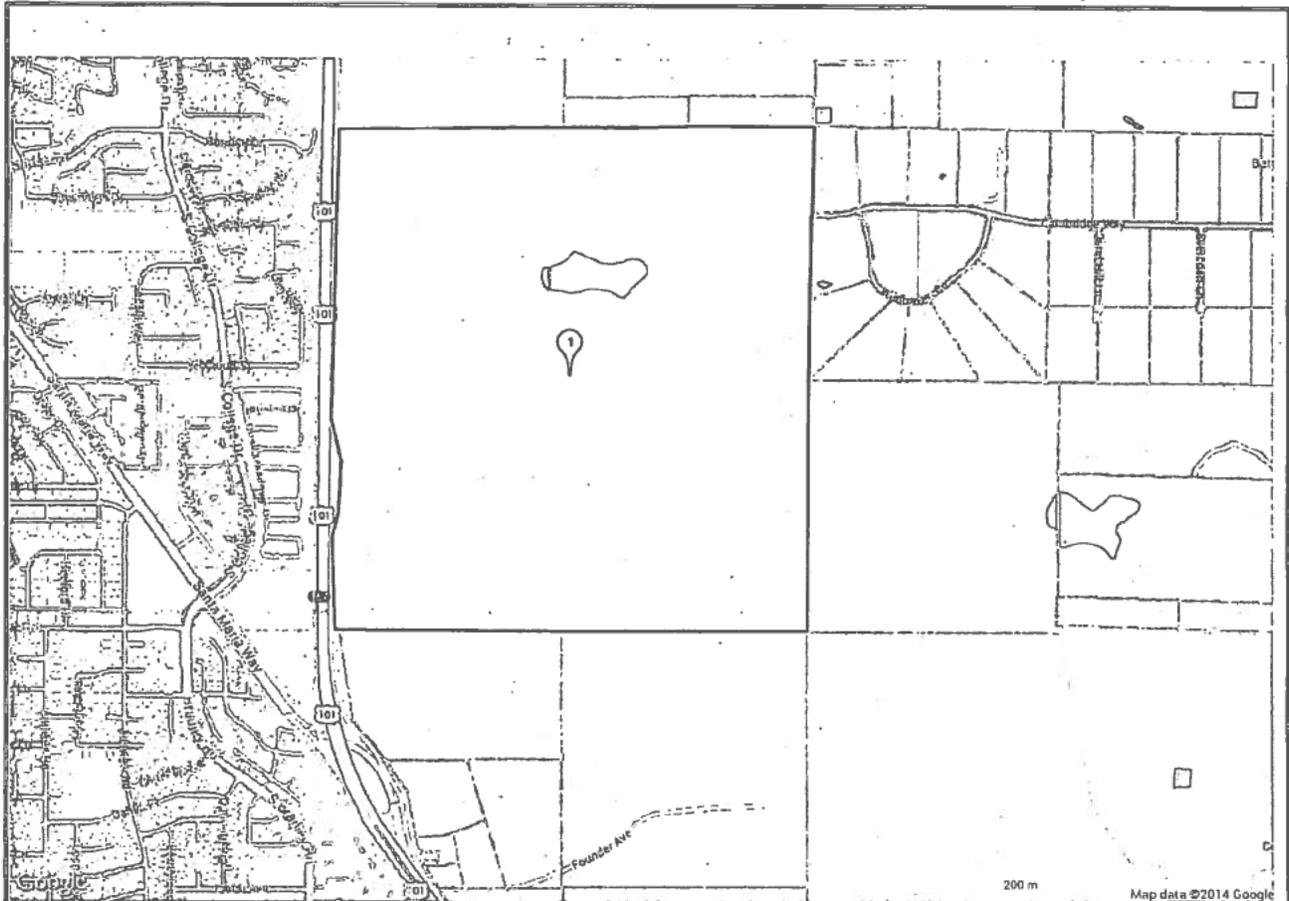
ATTACHMENTS

- Geologic Log
Well Construction Diagram
Geophysical Log(s)
Soil/Water Chemical Analyses
Other

ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

15-14 DATE SIGNED. 523-858 C-57 LICENSE NUMBER

0962150



Lat: 34.910499°    Zoom  
 Lon: -120.402904°    15

ID	Co / APN ▲	Owner	Address	Map
1	<input checked="" type="checkbox"/> SBX 129-010-001	BRADLEY LAND COMPANY	PO BOX 1932 SANTA MARIA CA 93455	<a href="#">MAP</a>   <a href="#">INDEX</a>   <a href="#">Go to</a>

page size: 50 ▼

\*\*The information provided here is deemed reliable, but is not guaranteed.